Form No. BTR-4 for ongoing proposals

BEAM TIME REQUEST
FOR THE UTILISATION OF IUAC PELLETRON

INTER-UNIVERSITY ACCELERATOR CENTRE
Accelerator Based Research Centre of UGC

INFORMATION ABOUT BTR - FORMS	
BTR-1	Beam Time Request for Fresh Proposals
BTR-2	Beam Time Account (BTA) for Thesis Proposals
BTR-3	Request of Funds (along with Beam Time) for Fresh Proposals from Universities
BTR-4	Beam Time Request for Ongoing Proposals

Proposal No. **A U C** ☐ ☐ 4 ☐ ☐ **(to be filled by IUAC)**

Field (Please tick the relevant one)

Atomic Physics Materials Science Nuclear Physics Radiation Biology AMS Others

1A. Name and affiliation of the Principal Investigator _____

_____

_____

1B. BRIEF BIO-DATA OF P.I. (Please attach as per the format given in the Annexure)

2. Proposal no. of the original proposal :
(please do attach photocopy of the first page of the original proposal)

3 a) Title of the experiment _____

_____

3 b) No. of runs and shifts already taken under this project (with dates) _____

4. COLLABORATORS (including IUAC personnel and Research Scholars) *

Sr.No	Name	Affiliation	Contact Phone No.& Fax No.	E-Mail Address

- Names to be included with consent.

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5. NO. OF SHIFTS REQUIRED FOR THIS RUN:
(Justify the requirement in the annexures)

6.

BEAM REQUIREMENTS (Normally one type of ion in one run, but for more than one ion species, requirement is to be given in order, changes are not possible later)

Ion species (with mass no.)	Energy (MeV)		Current (pnA)		DC/Pulsed	Charge state (if relevant)
	Min.	Max.	Min.	Max.		

7. (A) BEAM LINE TO BE USED (please tick the appropriate one) :
BIO LIBR HIRA MAT.SC. GDA GPSC

7. (B) ACCESS-TIME NEEDED IN HOURS (with justification)

	Prior to run	After the run
For the Beam Line		
For the Data Acquisition System		

8. TARGET / SAMPLE DETAILS

Material	Thickness ($\mu g/cm^2$)	Backing (if any)		Any special property e.g. hygroscopic,toxic etc.
		Material	Thickness	

Note :
1) Users are requested to bring their targets properly mounted on standard target frames or on standard strip to be fixed on the ladder. Please make sure that no material is to be used which can outgas. Any residual radio-activity associated with the targets after irradiation should be thoroughly checked in consultation with the health physics group at IUAC.
2) If targets are to be prepared at IUAC, user must write to Convenor AUC well in advance, to book target laboratory time and prepare the targets himself/herself at IUAC. Consultation will be provided.

9. Summary of the results from the previous run (Please submit a detailed and complete report mentioning the initial motivation, auxilliary measurements done, how much of the total work already done and how much yet to be done. Attach separate sheets. Please also attach copy of publications, if any , relate to the previous run)

10. Justification of the present run (attach separate sheet)

Date: **Signature (Principal Investigator)**

E-Mail to : ***academic@iuac.res.in***
Send hard copy to: **The Convenor, AUC, Inter-University Accelerator Centre, Post Box 10502, Aruna Asaf Ali Marg, New Delhi 110 067, India**
[Phone: 26893955 / 26892601, Fax (91-11)-26893666]

Last date : June 15 for July AUC & Nov. 30 for Dec. AUC

Bio-data of Principal Investigator

Name Designation Affiliation :	
Past Affiliation(s) :	
Date of Birth :	
Contant No:-	
E-Mail ID:-	

Category (kindly X the box):

General	SC	ST	OBC	Others
☐	☐	☐	☐	☐

Academic Qualifications :	

List of previous Projects / Beam Times at IUAC (if any) :

AUC No.	*Sanctioned Year/Month*	*Title*	*Status: completed or running*

Brief Research Experiences :	

Signature of PI

11. Brief summary of all the projects (Completed / Continuing) by using IUAC facilities.

(Additional sheet may be added, if required.)

Signature of PI